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Impact Ratings**

SRI SRI UNIVERSITY

University Impact Report 2024



Affordable Energy, Energy Conservation, Carbon Footprint, Carbon Credit, Energy Efficiency, Renewable Energy, Energy Audit

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About Us

Sri Sri University, established as a State Private University in Odisha, India, began its first academic session in 2012. Envisioned by the global humanitarian and spiritual leader **Gurudev Sri Sri Ravi Shankar ji**, the University blends **the best of the East with the best of the West** through a wide range of innovative and future-ready academic programmes.

The University offers a diverse portfolio of **undergraduate, postgraduate, diploma, certificate, and doctoral (Ph.D.) programmes** across eight faculties. Its distinctive academic offerings include B.Sc. (Data Science), B.Sc. (Osteopathy), B.Sc. (Psychology & Contemplative Studies), B.Sc. (Food, Nutrition, and Dietetics), B.Sc. (Agri-Business), B.Sc. Agriculture, Bachelor in Interior Design, BAMS, B.Sc. Nursing as well as postgraduate programmes such as M.Sc. Osteopathy (first time in Asia), MBA (Entrepreneurship), MBA (General Management), MBA (Agri-Business Management), M.Com., M.A./M.Sc. Psychology and Contemplative Behaviour, and M.Tech. in Artificial Intelligence & Machine Learning, among others.

Nestled within a **188-acre lush green campus**, Sri Sri University offers an enriching curriculum that fosters both **professional competence and life skills**. The campus environment—virtually smoke-free, alcohol-free, drug-free, and fully vegetarian—supports a culture of holistic well-being and academic excellence. At Sri Sri University, *Excellence* is defined as nurturing students to think, act, and feel in ways that create a lasting and positive impact, reflecting the University's core ethos: **Learn – Lead – Serve**.

Sri Sri University has been ranked in the 401–600 band in the Times Higher Education University Impact Rankings for Sustainable Development Goals (SDGs). In individual SDGs, the University secured the 70th position for **SDG 2: Zero Hunger**, ranked in the **100–200 band** for **SDG 15: Life on Land** and **SDG 4: Quality Education**, and placed in the **201–300 band** for **SDG 6: Clean Water and Sanitation** and **SDG 7: Affordable and Clean Energy**. Additionally, Sri Sri University has been ranked **1st in Odisha, 7th in India**, and **263rd globally** in the UI GreenMetric World University Rankings 2024.

Introduction

Despite global progress, the persistent lack of access to affordable, reliable, and modern energy continues to hinder development, particularly in vulnerable communities. Critical gaps remain,

such as the electrification of health facilities in developing countries, where outages directly impact essential service delivery. Sri Sri University recognizes that strengthening these energy systems is fundamental to building resilient communities. Aligned with SDG 7 targets, our strategy focuses on the efficient use of natural resources and boosting sustainable energy expertise. We bridge the gap between knowledge and action through:

- **Targeted Capacity Development:** Our leading solar energy-based training programmes provide on-the-job education for emerging energy planners and empower rural youth with future-ready skills.
- **Applied Research:** By investigating overlapping natural resource use, our research pioneers integrated practices that enhance energy efficiency and promote resource recycling. This work is crucial for making modern energy production cleaner and more affordable.

Our initiatives directly contribute to a sustainable energy future by building a skilled workforce, advancing cleaner production methods, and fostering the adoption of renewable technologies. Sri Sri University remains committed to developing and scaling solutions that ensure access to sustainable and modern energy for all.

Targets

Goal 7.2: University measures towards affordable and clean energy

- Goal 7.2.1 Energy-efficient renovation and building
- Goal 7.2.2 Upgrade buildings to higher energy Efficiency
- Goal 7.2.3 Carbon reduction and emission reduction Process
- Goal 7.2.4 Plan to reduce energy consumption
- Goal 7.2.5 Energy wastage identification
- Goal 7.2.6 Divestment policy

Goal 7.3 Energy use density Goal

- Goal 7.3.1 Indicator: Energy usage per sqm

Goal 7.4 Energy and the community

- Goal 7.4.1 Local community outreach for energy efficiency
- Goal 7.4.2 100% renewable energy pledge Year: 2019 or 2020

Goal 7.4.3 Energy efficiency services for industry

Goal 7.4.4 Policy development for clean energy technology

Goal 7.4.5 Assistance to low-carbon innovation

In alignment with the 2030 Agenda for Sustainable Development, Sri Sri University (SSU) champions the global transition to a sustainable and equitable future. Established with a vision for positive societal impact, SSU integrates the pursuit of Sustainable Development Goal 7 (SDG 7) - Affordable and Clean Energy—across all its functions.

Our university serves as a living laboratory for sustainability, transforming our campus into a model of energy efficiency and renewable innovation. We bridge theory with practice through targeted research, academic integration, and community-focused initiatives. By collaborating with policymakers, industry leaders, and local communities, we develop and deploy scalable solutions that reduce energy consumption, promote clean power, and build local capacity.

Key initiatives include:

- **Solar Infrastructure Expansion:** Significantly increasing our renewable energy capacity to offset grid dependence.
- **Energy Efficiency Upgrades:** Systematically replacing outdated equipment with energy-saving technologies like LED lighting and BLDC fans.
- **Capacity Building & Skill Development:** Empowering rural and unemployed youth through hands-on training in solar technology and sustainable energy planning.
- **Research & Innovation:** Supporting startups and research projects focused on low-carbon technologies and integrated resource management.

As we advance, Sri Sri University remains dedicated to shaping not only informed minds but also responsible global citizens. Our unwavering commitment to SDG 7 underscores our mission to contribute meaningfully to a cleaner, more affordable, and sustainable energy future for all.

Report design

For Sustainable Development Goals-7 there are five categories of information:

- Research on clean energy
- University measures towards affordable and clean energy

- Energy use density
- Energy and the community
- News

Research

The university has collaborated with The India Office of Nobel Peace Laureate Vice President of USA Al Gore's The Climate Reality Project (TCRP), USA and Sparsh Foundation, JK Paper Mills Ltd, Odisha, with inspiration from Gurudev Sri Sri Ravi Shankar, whose work and initiatives are taken at the global stage by the Art of Living Foundation and the local point by the Sri Sri University in areas solar power, green campus, and optimal use of energy, etc.

Measures Towards Affordable and Clean Energy

- Sri Sri University are committed to follow the prevailing energy efficiency standards in India for our renovation and constructions of buildings. The policy for energy efficiency standards for builds has been aimed to decrease the Carbon emissions, to optimize the electricity consumption and minimize the wastage and to use energy efficient fixtures and reduce the running cost.
- The relevant measures include the buildings designed for reduced heat absorption and temperature control, natural ventilation, lighting and natural laterite stone for construction, smart classes, use of LED lights in the hostels, use of local materials for the construction.



Plate 1. LED lights in hostels and academic buildings

To enhance the energy efficiency, the 8Kw solar panels is installed in the campus, which generate 35 units of electricity every day and approx. 13000 units per year (Plate 2).



Plate 2. 8 Kw solar panels installed initially on the campus

- The campus features 105 solar-powered streetlights, collectively generating about 105 units daily and contributing roughly 38,325 units annually.



Plate 3. Solar street light on the campus

- This year, Sri Sri University achieved a daily solar generation peak of 2,998 kWh. Annually, this amounts to approximately 83,0446 kWh. Notably, the Shruti and Kirti

buildings are major contributors, generating about 1,700 kWh and 1,200 kWh per day, respectively. This substantial annual solar capacity reinforces the university’s commitment to sustainable energy practices and campus-wide energy efficiency (Plate 4).



Plate 4. Installation of 2,998 kWh capacity generation solar panels on the campus

Here are the key energy-saving measures that have been implemented at SSU from 2024:

Appliance	Total Number	Total number energy Efficient appliances
Lamps	6214	<ul style="list-style-type: none"> ● 10W Bulbs: 370 units ● 10W Tubes: 2,147 units ● 20W Tubes: 3,657 units ● 72W Ceiling Light: 8 Unit ● 36W Led Light: 32 Unit
Fans	3225	2575 (Finolex and Havells make fans)+650(BLDC fans added during Jan 24-Dec 24).
Solar and LED street light	191(105 Solar Light)	161+30 Solar Light installed during (2024)

AC (ISSER> 4.5)	614	590+24
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- Sri Sri University pays close attention to monitor energy consumption at the campus area. There are energy meters in every building to monitor the electrical consumption (Plate 5).



Plate 5. Monitoring of energy consumption

- SSU has taken several step to prevent the electricity from leakage as well as monitor the unnecessary use of AC, light, fan in different buildings.
- How SSU has keep in balanced the energy consumption with increase in population

Energy Consumption

1. Total electricity consumption from July 23- June 24 is 2,794,202 kWh (2998kW /day generated from solar energy resources).

$$2998\text{kWh} * 277 = 830446 \text{ kWh}$$

$$\text{Total power consumption } 2,794,202 \text{ kWh} - 8,30,446 \text{ kWh} = 1,963,756\text{kWh}$$

Energy use density:

Total electricity consumption from July 23- June 24 is 1,963,756 kWh = 7069.5216 GJ

Building area of university buildings (square meters): 77289.66+28,902.5=106,192.16

Electricity consumption per square meter in 2024 = $7069.5216 / 106,192.16 = 0.0665$ GJ/m²

Definition: Floor area of SSU's buildings (Sq. mtrs)

Energy and the Community

In the spirit of contributing to the field of sustainable energy, SSU University is coordinating activities with other organization to promote joint academic and technical endeavours, keeping in view the following scope of collaboration (Plate 6).

1. Renewable Energy Generation/Harvesting: Adopting Clean and Sustainable Energy, such as- Solar renewable energy sources.



Plate 6. Solar energy training programme extended to the local people

2. Carbon Reduction and Emission Reduction Process: When it comes to removing human caused emissions of the greenhouse gas carbon dioxide from Earth's atmosphere, trees are a big help. Through photosynthesis, trees pull gas out of the air to help grow their leaves, branches, and roots. Our university organizes plantation drives throughout the year inside the campus as well as in nearby localities. Various other process that helps in reduction of carbon are

1. Eco-Friendly Transportation
2. Bicycle Usage
3. Electric Vehicles Charging Station
4. Natural Gas Adoption
5. Tree Plantation (Plate 7)



Plate 7. Various emission reduction measures used on the campus

3. Energy Audit and Management: Exchange of procedures and ideas for Energy Audit and Management in the Institutions.

4. Training program on Renewable Energy systems: In the premises, the SSU is collaborating with its technology partner, Schneider Electric, on course development and implementation for the training of professionals and students on solar energy systems. This centre also provides training to Rural Youth on Solar energy, which is getting traction from renewable energy market.

Sl.No	Scheme/Project	Job Role	Target	Enrolled
1	AICTE_PMKVY4.0-CSCM-STT	Honey bee Farmer	30	30
2	AICTE_PMKVY4.0-CSCM-STT	Solar PV Installer (Suryamitra)	60	60
3	AICTE_PMKVY4.0-CSCM-STT	Prakriti Evaluator	30	30
4	AICTE_PMKVY4.0-CSCM-STT	Yoga Instructor (B&W)	60	60
5	AICTE_PMKVY4.0-CSCM-STT	Office Operations Executive	60	60
Total			240	240

NSDC- PMKVY 4.0 Project

The Ministry of Skill Development & Entrepreneurship (MSDE), Govt. of India, implemented its flagship skill development scheme of Government of India - Pradhan Mantri Kaushal Vikas Yojana 4.0 (PMKVY 4.0).

With the roll-out of the National Education Policy (NEP) in 2020, there has been a renewed focus on vocational skill training imparted by schools and higher education institutes, thus integrating mainstream academics with practical vocational skill

Sri Sri University having all the requisite infrastructure and a registered Training Partner of National Skill Development Corporation, received a target of 240 from NSDC-PMKVY 4.0 under the Skill Hub Initiative scheme for the period Jan 2024-Dec 2024.

News:

SDG Short title	Description
	<p>Sri Sri University has organized a workshop on SDG. In this workshop, all students attended the event and in as part of SDG Week. Students engaged with sustainability experts and explored practical approaches to sustainable production.</p>
	<p>Workshop on Climate change, women. Certificate of energy literacy and their adaptive capacity. Interaction of students of Sri Sri University with village women</p>

MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING IS EXECUTED

AT
SRI SRI UNIVERSITY
on 07.07.2023

BETWEEN

The Institution of Green Engineers (IGEN) (Registered under Societies Registration Act 27 of 1975, wide Registration No. CN/SR/30320 hereinafter referred to as IGEN) having its registered office at F1, RPN, Ambatur, Chennai-58, India, Canada and Australia, (www.thegen.org) represented by its President Prof. Dr. L. RAMESH, which expression shall, unless repugnant to the meaning or context thereof, be deemed to include its/their successors, heirs, and administrators, hereinafter referred to as the

PARTY OF THE FIRST PART

AND

Sri Sri University (SSU), Ward No 3, Sandhapur, Godisahi, Cuttack, Odisha- 754006, (Hereinafter called to as SSU) a State Private University established by Sri Sri University Act- 2009 by Odisha State Legislative Assembly, has been founded by His Holiness Gurudev Sri Sri Ravi Shankar a global humanitarian and thought leader in Yoga and

A. Saha 7/7/23


The Institute of Green Engineer signed a MOU with Sri Sri University on 7/7/23 towards the development of sustainable goal.



Sri Sri University received the Odisha State Energy Conservation Award for its energy conservation efforts. The university received the award in a recent recognition from the Government of Odisha for its commitment to sustainability and impactful initiatives.

Conclusion

Sri Sri University remains deeply committed to advancing Sustainable Development Goal 7 by promoting access to affordable, reliable, and modern energy for all. The university recognizes that energy security is essential for building resilient communities, especially in developing regions. By integrating sustainable practices across campus operations, SSU demonstrates how institutions can serve as models of clean energy transformation. Our comprehensive approach links academic learning with practical implementation to address real-world energy challenges. Capacity-building initiatives equip rural youth and emerging professionals with skills critical to the renewable energy sector. Through targeted training programmes, SSU strengthens the workforce required for India's clean energy transition. Applied research at the university continues to innovate in resource

efficiency, renewable technologies, and low-carbon solutions. The expansion of solar infrastructure significantly reduces grid dependence and strengthens the university's sustainability credentials. Annual solar generation of over 830,446 kWh showcases SSU's commitment to clean and renewable energy utilization. Energy-efficient building designs and the adoption of LED lighting and BLDC fans further reduce operational consumption. Collaborative initiatives with national and international organizations enhance SSU's impact in climate action and green innovation.

The university's participation in community-focused programmes strengthens local awareness and capacity for sustainable energy adoption. Regular plantation drives and eco-friendly transportation initiatives contribute meaningfully to carbon reduction efforts. By aligning with national skill development schemes, SSU supports the integration of vocational and academic learning for a greener future. Overall, Sri Sri University continues to lead by example, fostering a sustainable, energy-efficient, and environmentally responsible ecosystem that benefits both the campus community and society at large.